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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 25th April 1964

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

The 4th April 1964

- 93127. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to air-cushion borne vehicles. (5th April 1963).
- 93128. Union Carbide Corporation. Process for preparing graft polymers having high impact strength.
- 93129. Goodman Manufacturing Company. Improvements in or relating to conveying systems, particularly for conveying dry materials.
- 93130. Ciba Limited. Quinacridone pigments.
- 93131. E. Asseo. Process for the manufacture of borax from borocalcic and boronatrocalcic ores.
- 93132. P. P. Dahanukar. Improvements in or relating to a spark plug.
- 93133. G. G. Patel. Improved single push ink filler & container for fountain pen & the like.
- 93134. B. U. Engstrom. File.
- 93135. Albiswerk Zurich A. G. Optical scanning apparatus and scanning devices therefor. (13th February 1964).
- 93136. Allied Chemical Corporation. Substituted oxetanes.
- 93137. Pulp and Paper Research Institute of Canada. Apparatus for making formed fibrous webs. (29th April 1963).
- 93138. AMP Incorporated. Improved means for and method of applying electrical connectors from strips of connectors.
- 93139. W. H. Marshall, Jr. Improved process for production of hydrogen.
- 93140. Sperry Rand Corporation. Signal translating circuit.
- 93141. Eberle & Kohler KG. Improvements in or relating to temperature control devices.
- 93142. Imperial Chemical Industries Limited. Chemical treatment. (11th April 1963).
- 93143. Osterreichische Stickstoffwerke Aktiengesellschaft. Process for the catalytic production of melamine from gaseous cyanic acid.

The 6th April 1964

- 93144. I. R. Kanal. Improvement in the production of internal combustion or compression engines.
 - 93145. D. H. Chalishazar. Safety razor blade sharpener.
 - 93146. Council of Scientific and Industrial Research. A yarn tension measuring and recording instrument. [Addition to No. 88019].
 - 93147. Council of Scientific and Industrial Research. Improvements in or relating to the easy removal of synthetic enamel from enamel coated copper wires.
 - 93148. Farbenfabriken Bayer Aktiengesellschaft. Tanning process. (9th January 1964).
 - 93149. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of chlorinated hydroxyamino anthraquinones. (23rd January 1964).
 - 93150. American Flange & Manufacturing Co. Inc. Closure cap and method for forming same.
 - 93151. M & T Chemicals Inc. Chemical process and composition.
 - 93152. Rohm & Haas Company. Phosphorus compounds and compositions containing them.
 - 93153. Rohm & Haas Company. Surface-active agents.
 - 93154. National Steel Corporation. Metal coating process and apparatus.
 - 93155. Compagnie De Saint-Gobain. Apparatus for the flat contact tempering of glass.
 - 93156. C. O. Hoover. Hydrocarbon oil sweetening process.
 - 93157. M. Postel. Improvements in or relating to suppositories and their containers.
 - 93158. Merck & Co., Inc. Process for treating hides.
 - 93159. Kaiser Aluminium & Chemical Corporation. Apparatus for forming containers and the like.
 - 93160. Dow Corning Corporation. Method of polymerising siloxanes and silcarbanes in emulsion.
 - 93161. Stauffer Chemical Company. Organothiophosphonates.
 - 93162. W. R. Patil. An improved stringed musical instrument.
 - 93163. United Engineering and Foundry Company. Shear. (9th April 1963).
- The 7th April 1964*
- 93164. Mittal Brothers. Fan-cum-heater.
 - 93165. P. S. Dharmadhikari. An invention declaring new ores of gold and silver and chemical process of its reduction to metal.

93166. (Mrs.) Vidya Krishna Kudva. Improvement in design of builders' hardware hinge.
93167. S. A. A. Arif. Improvements in or relating to signal indicator.
93168. Indian Oxygen Limited. Cooling system for gases. (27th April 1963).
93169. Indian Oxygen Limited. Cooling systems for gases. (27th April 1963).
93170. A. R. D'Andrea. A metal container and a method for preserving foods or beverages.
93171. Dunlop Rubber Company Limited. Bonding textile materials to mono-olefine rubbers. (23rd April 1963).
93172. Panoduz Anstalt. Prefabricated sandwich panel for the construction of walls and partitions.
93173. Joseph Lucas (Industries) Limited. Unidirectional clutches. (10th April 1963). [Addition to No. 82759].
93174. The Bendix Corporation. Improvements in or relating to a drum brake. [Addition to No. 91438].
93175. A. R. Naidu. A device for cutting or plucking fruits from the trees.
93176. Ethicon, Inc. Article.
93177. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for colouring textile materials and foils. [Addition to No. 83808].
93178. Sumitomo Chemical Company Ltd. Cyclopropanecarboxylic acid esters.
93179. Spiral Manufacturing Proprietary Limited. Tubular moisture-proof packaging material and method and apparatus for its manufacture.
93180. The Dow Chemical Company. Bentonite-modified polyolefin compositions.
93181. Standard Telephones and Cables Limited. Quad construction. (10th April 1963). [Addition to No. 69079].
93182. E. Q. Sylvester. Casting apparatus and method.
93183. N. V. Organon. Process for the preparation of derivatives of L-lysine.
93184. Maywick Appliances Limited. Improvements in or relating to a liquid fuel heater. (15th May 1962). [Divisional date 20th August 1962].
93185. Maywick Appliances Limited. Improvements in or relating to a liquid fuel heater. (5th December 1961). [Divisional date 20th August 1962].
93186. O-M Ltd. Roller arrangement for drawing frame.
93187. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Benzodiazepine derivatives and process for the manufacture thereof.
93188. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel ethers and process for the manufacture thereof.
93189. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing a core for a magnetic head and a core manufacture by these methods.
93190. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to 1-hydroxy-2,2,6,6-tetrachloro cyclohexane-carbonamides-1.

The 8th April 1964

93191. Compagnie De Saint-Gobain. Improvements in the manufacture of objects of mineral fibres.
93192. Fiber Industries, Inc. Preparation of polyalkylene terephthalate.
93193. Shell Internationale Research Maatschappij N. V. Epoxy resin compositions for making articles with improved impact strength. (10th April 1963).
93194. Pinchin, Johnson & Associates Limited. Improvements in surface coatings. (10th April 1963).
93195. Pinchin, Johnson & Associates Limited. Improved condensation polymers. (16th April 1963).
93196. Imperial Chemical Industries Limited. New compositions of matter. (30th May 1963).

93197. A. G. Bodine, Jr. Method and apparatus for creating a load bearing region in earthen material.
93198. Rohm & Haas Company. Polymeric compositions.
93199. Ateliers De La Motobecane. Improved device for detaching the rear wheel applicable to auto-cycles with two chains.
93200. Sperry Rand Corporation. Overload protection circuit.
93201. M. Inoue. Novel bis (hydroxymethyl) pyridine dicarbamate derivatives and process for the manufacture of the same.
93202. Merck & Co., Inc. Pharmaceutical compositions.
93203. Dresser Industries, Inc. Improvements in or relating to method and apparatus for pulsed well logging.
93204. John G. Stein & Company Limited. Improvements relating to the hanging of refractory bricks. (9th April 1963).
93205. Ciba Limited. Manufacture of amidino compounds.
93206. Chemische Werke Witten Gesellschaft Mit Beschränkter Haftung. Process for the production of aryl esters of aromatic dicarboxylic acids.
93207. Ciba Limited. Manufacture of new indazoles.
93208. Ciba Limited. Process for the manufacture of new pyrimidines.
93209. Dr. E. H. O. Junker. Coreless induction smelting and/or heat retaining furnace and particularly to furnace which operates on a standard frequency for vacuum operation.
93210. Dr. Ing. E. H. O. Junker. Coreless induction smelting and/or heat retaining furnace especially one which operates on standard frequency for vacuum operation.
93211. Dr. Ing. E. H. O. Junker. Coreless induction smelting and/or heating furnace, especially of the standard-frequency type, for vacuum operation.
93212. Dr. Ing. E. H. O. Junker. Coreless induction smelting and/or heating furnace, especially of the standard-frequency type, for vacuum operation.

The 9th April 1964

93213. Naba Kumar Bandopadhyay. Improved circuit breaker or switch.
93214. P. P. Joshi. A container and a dispenser means for such container.
93215. P. P. Joshi. An improved leak proof closure for container.
93216. P. P. Joshi. Improvements in or relating to gum bottles and closures for such bottles.
93217. M. L. Thakar. Improvements in or relating to paper clips and the like.
93218. Shell Internationale Research Maatschappij N. V. Compositions having nematocidal properties. [Addition to No. 85372].
93219. Shell Internationale Research Maatschappij N. V. Transmission fluids.
93220. J. L. Jeanneret. Cutting control means for lathes. (10th June 1963).
93221. United States Rubber Company. Improvements in chemicals.
93222. Standard Oil Company. High quality aromatic acids.
93223. Standard Oil Company. Aromatic acids.
93224. W. R. Grace & Co. Chemical process.
93225. United States Steel Corporation. Method of improving solderability of tin plate.
93226. K. L. Gupta. Improvements in or relating to method of and means for enhancing or prolonging the life of brushes.
93227. Ciba Limited. Manufacture of basic esters.
93228. Aktiebolaget Flygts Pumpar. Rotary pump unit.
93229. Normalair Limited. Improvements in or relating to air conditioning systems. (10th April 1963).

93230. Toyo Sen-I Kabushiki Kaisha. Process for making degummed bast fibres.
93231. Birfield Engineering Limited. Improvement in or relating to mounting means. (20th April 1963). [Addition to No. 82456].
93232. (Mrs.) Beryl Alice Enid DePenning. Process for the production of sulphur dyestuffs of the phthalocyanine series.
93233. Ciba Limited. Manufacture of aryl carbinol compounds.

The 10th April 1964

93234. Indian Oxygen Limited. Melting of metals in a furnace by means of a stabilized altering current arc. (11th April 1963).
93235. Indian Oxygen Limited. Improvements in flow-meters. (11th April 1963).
93236. Stamicarbon N. V. Process for the preparation of urea with a low biuret content.
93237. Bitumen Industries Limited. Method of and means for bonding. (22nd April 1963).
93238. K. Tsutsumi. Manufacture of wool like yarn from synthetic fibres.
93239. Laboratorios M. y F. Ferrer & Cia. Ltda. Magnesium glutamate hydrobromide and processes for the production thereof.
93240. Kosmek Private Limited. Improvements in or relating to a doll's feeding bottle.
93241. Kali-Chemie Aktiengesellschaft. A process for obtaining esters having a sedative and spasmolytic action from the roots and rhizomes of valerianaceae. (22nd January 1964).
93242. Indian Telephone Industries Limited. Improvements relating to electromagnetic vibratory devices.
93243. Sandoz Ltd. Improvements in or relating to organic compounds. (11th April 1963). [Addition to No. 75362].
93244. Dowty Hydraulic Units Limited. Cooling fans. (11th April 1963).
93245. Dr. C. Otto & Comp. G.m.b.H. Method of and apparatus for surface treating sheet metal plates.
93246. Ciba Limited. Process for the manufacture of β -cyanoethyl-halogeno-alkyl ethers.
93247. Ciba Limited. Manufacture of new basic ethers.
93248. A. L. Umrana and C. D. Dagli. A device for protecting the rear top end of shoes from sagging and damage.
93249. K. S. Rangappa. A lifting device for greater productivity in engineering works.
93250. Cooper Roller Bearings Company Limited. Improvements in or relating to ball and roller bearings. (16th April 1963).
93251. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process for the manufacture of water-insoluble monoazo dyestuffs. [Addition to No. 84053].

Alteration of date

84773. The claim to priority date 12th April 1962 has been abandoned and the application dated as of 24th October 1962, the date of filing in India.
86840. The claim to priority date 14th March 1962 has been abandoned and the application dated as of 8th March 1963, the date of filing in India.
90723. Ante-dated to 5th July 1962 under Section 5 of the Act.
90724. Ante-dated to 5th July 1962 under Section 5 of the Act.
90725. Ante-dated to 5th July 1962 under Section 5 of the Act.
90726. Ante-dated to 5th July 1962 under Section 5 of the Act.

90727. Ante-dated to 5th July 1962 under Section 5 of the Act.
92120. Ante-dated to 12th July 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give Notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83086. J. R. Geigy A.-G. Composition for controlling plant-parasitic nematodes. Accepted on 4th April 1964.

Comprising as active ingredient N-methyl-dithio-carbamic acid methyl ester in conjunction with a solid carrier or in conjunction with a liquid carrier and an emulsifying agent.

83129. Western Electric Company, Incorporated. Superconducting compositions and magnet made thereof. (1st December 1961). Accepted on 4th April 1964.

Comprising an alloy of Mo and Tc in the relative proportions of from 5 to 75 atomic per cent Mo and from 95 to 25 atomic per cent Tc.

83130. Western Electric Company, Incorporated. Superconducting compositions and magnets comprised thereof. (4th December 1961). Accepted on 6th April 1964.

Comprising an alloy of Nb and Ti in the relative proportions of from 10 to 90 atomic per cent Nb and from 90 to 10 atomic per cent Ti.

83136. Esso Research and Engineering Company. Coating compositions and method for the preparation thereof. Accepted on 6th April 1964.

Comprising a mixture of lithium silicate and sodium silicate, wherein the molar ratio of lithium oxide: sodium oxide:silicon dioxide is 0.75 to 1.00: about 0.05 to about 0.25: about 2.5 to 5.0.

83160. M. Meeran. Method of preparing precast R.C.C. grid panels, improvements in or relating to a method of constructing floors, roofslabs and panelwalls and like units for buildings using said precast R.C.C. grid panels and channel beams for use therein. Accepted on 9th April 1964.

Wherein the pockets of precast units are filled and cast in site with light weight material and then a reinforced concrete slab is laid.

83188. Hooker Chemical Corporation. A composition capable of inhibiting polymerization of a hydroxymethyl phosphonium chloride compound with a nitrogen containing compound and process for preparing polymers and polymer forming composition therefor. (20th November 1961). Accepted on 8th April 1964.

Mixture of tetrakis (α -hydroxyorgano)-phosphonium chloride and sulfite compound.

83210. N V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing point electrodes. Accepted on 6th April 1964.

Characterised in that a core wire which is continuously covered with wrapping metal is pulled in two.

83231. Shell Internationale Research Maatschappij N. V. Process for the preparation of latices of cis 1, 4-polyisoprene. Accepted on 9th April 1964.

By emulsifying a hydrocarbon solution of cis 1, 4-polyisoprene, concentrating, and vulcanizing it by adding sulphur-containing vulcanizing agents.

83288. Ciba Limited. Method and apparatus for carrying out chemical processes. Accepted on 10th April 1964.

Particles of magnetic material are caused to move by application of a moving magnetic field.

83372. Rohm & Haas Company. Process for the preparation of condensation polymers. Accepted on 4th April 1964.

Comprises polymerizing in an inert diluent liquid medium a reaction charge which includes a precursor condensation polymer which (a) takes part in the reaction to form a polymer of higher molecular weight and (b) and is present as a discontinuous phase dispersed in a liquid medium and the liquid medium contains a dispersing agent and/or a swelling agent.

83433. Distington Engineering Company Limited. Improvements in and relating to belt conveyors. (27th July 1961). Accepted on 6th April 1964.

Wherein return rollers are mounted on brackets comprising two rigid member suspended one on each side of belt from ropes and pivotally connected beneath the belt.

83519. Rohm & Haas Company. Process for the preparation of mixtures of polyethenoxy compounds and ether-terminated polyethenoxy compounds. Accepted on 8th April 1964.

Comprises reacting, in the presence of an anhydrous macroporetic sulfonic acid cation exchange resin in the hydrogen form, a compound having from 4 to 12 carbon atoms and a tertiary olefinic group with a mixture of polyethenoxyalcohols.

83568. Sulzer Freres, Societe Anonyme. Improvements in or relating to vapour generating systems. Accepted on 9th April 1964.

Comprises heating surfaces in furnace chamber and in flue gas pass and recirculating means wherein transition to liquid to vapour takes place in a part heating surface in furnace chamber and is subject to recirculation.

83569. Sulzer Freres, Societe Anonyme. Vapour-generating power plants. Accepted on 9th April 1964.

Includes a conduit system by passing turbine for starting comprising expansion element, separator and conduits for taking fluid from separator to condenser and vapour to deaerator, wherein the system is designed for a flow of working fluid not exceeding 30% of full load.

83766. Scottish Agricultural Industries Limited. Manufacture of granular fertilisers. Accepted on 7th April 1964.

A solid ingredient comprising ammonium phosphate of N:P ratio in the range of 0.95 to 1.6 is mixed with other fertilisers and subjected to wet granulation.

83846. The American Tobacco Company. Improvements in or relating to filter elements for cigarettes and the like. Accepted on 4th April 1964.

Filter element capable of adsorbing the undesirable volatile constituents of tobacco smoke and comprising a carrier base having a uniformly dispersed, finely divided adsorptive material having adsorbed thereon a volatile smoke-flavouring agent capable of being selectively eluted from the adsorptive material.

83867. Fisons Fertilizers Limited. Continuous process for the manufacture of phosphoric acid and an apparatus for carrying out the same. Accepted on 10th April 1964.

Reacting phosphate rock and sulphuric acid in series of vessels, holding time in first being greater than in others.

83898. Sperry Rand Corporation. Circuit arrangement for a punch card reacting device. Accepted on 9th April 1964.

Characterized by at least one second circuit including controllable current conductive means which are connected to the cathode of rectifier and which are connected to biasing means which hold the current conductive means in their conductive state when no cut-off pulse is applied and in their non conductive state when a cut off biasing pulse is applied in order to flow the current through conductive means.

84026. Union Tank Car Company. Diffuser unit for introducing a treatment gas into a liquid. (27th March 1962). Accepted on 7th April 1964.

Comprises a manifold for being mounted on the tank adjacent the top and operably coupled with a source of treatment gas under pressure, conduit means being shiftably mounted on the manifold in communication therewith for receiving gas and a perforated diffuser head secured to said means.

84034. Bombay Plastic Corporation. Improvements in or relating to kites or the like toys. Accepted on 4th April 1964.

Characterised in that the kite in combination consists of (i) a body made of sheet of thermoplastic or the like synthetic material, (ii) a pair of tubular pockets provided near the middle on the two opposite sides, (iii) a half-hoop piece made of plastic IV a second pair of tubular pockets provided at the upper and lower ends of the kite V a vertical strip made of plastic bamboo or the like VI a tail piece in the form of a pocket at the lower end of the kite.

84064. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to apparatus and methods for the manufacture of semi-conductor devices. (12th September 1961). Accepted on 6th April 1964.

Alloying jig comprises a jig body for securing a block of three plates, each outer plate being shaped to receive alloying material and the inner plate sandwiched between the outer plates serving to separate the material received by the outer plates to provide desired separation between positions on the surface at which alloying is to be effected.

84096. Engelhard Hanovia, Inc. An apparatus and a method for applying protective coatings on tubular members. Accepted on 4th April 1964.

Comprising a container for a bed of fusible particles, transport means for withdrawing particles from the bed and passing them through tubular member a separator means, transport means for transporting the particles from the tubular member to the separator means, means for heating the member and drive mechanism including tubular rotatable means for rotating the member.

84444. Babcock & Wilcox Limited. Improvements in or relating to tubulous walls formed from finned tubes. Accepted on 3rd April 1964.

Arranging the tubes side by side with respective fins of adjacent tubes in contiguous relationship and simultaneously welding together pairs of contiguous fins by progressively moving fusion welding means.

84481. Garlock Inc. Fluid seal and method of making the same. (27th August 1962). Accepted on 6th April 1964.

Comprises a flexible, polytetrafluoroethylene, sealing element with central aperture and means to clamp a rigid ring fluid tightly and fixedly to one surface of the element, the other surface being in sliding, sealing engagement in one of the two machine member and the ring being in association with the other machine member.

84482. Denco AG. Automatic tip bunch building mechanism for spinning frames. [Addition to No. 82407]. Accepted on 4th April 1964.

Including first displacing means for displacing the ring rail after termination of the cops winding into an upper extreme position for forming an end winding, second displacing means for displacing the ring rail out of the end winding extreme position into the lower end position for removing the cops when the end winding has been formed and locking means for locking the ring rail in the lower end position.

84492. Manning, Maxwell & Moore Incorporated. Improvements in pressure-loaded pilot-controlled relief valve. Accepted on 10th April 1964.

Wherein heat is transmitted from the fluid in the annular chamber, surrounding the valve seat, to the upper portion of valve seat more rapidly than it is transmitted by the body of valve head to lower portion of valve seat.

84520. L. A. Boriolo. Improvements in methods for producing plate sheaths for storage batteries, and plate sheaths produced thereby. Accepted on 10th April 1964.

Impregnating stuff with a resinous component from the group consisting of the resins which in the status of a yarn having an oriented molecular structure and heating impregnating structure, at a temperature such that structure is caused to substantially shrink.

84536. Hooker Chemical Corporation. An improved current conducting apparatus used in an electrolytic. Accepted on 10th April 1964.

Comprises axially movable thrust member in the cell base and having inter-cell connecting means extending out from the cell, (2) a cathode bus bar attached to the side of cell and having inter-cell connecting means extending out from the cell and (3) inter-cell connection means adapted to detachably connect the anode bus bar inter-cell connecting means of one of cells with the cathode bus bar inter-cell connecting means of another cell.

84538. Clark Equipment Company. Fluid displacement pump or motor. Accepted on 9th April 1964.

Comprises axially movable thrust member between energy transmitting member and pressure chamber, passage means conducting fluid to pressure chamber and a opening in thrust member communicating passage means and pressure chamber with pockets in thrust plate.

84547. The Goodyear Tire & Rubber Company. Improvements in polyurethane container for liquids and the like. Accepted on 9th April 1964.

Applying to the surface of the form successive coats of a polyurethane composition reacting the polyurethane until each coat is essentially tack free.

84567. P. Appajaiah. Improved media and apparatus provided therewith for grinding and/or mixing wet and dry substances. Accepted on 4th April 1964.

Comprising a drum having a lining of felsite blocks and felsite balls within the drum.

84577. Monsanto Chemical Company. Textile filaments and spinnerets for their production. Accepted on 8th April 1964.

Comprises melt-spun-filament having polygonal cross-section and spinneret comprising a solid plate having a melt side, an extrusion side and one nozzle.

84590. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Olefinic copolymers, process for their preparation and vulcanized products obtained therefrom. [Addition to No. 84588]. Accepted on 9th April 1964.

Polymerising monomers in presence of catalyst formed of (a) vanadium compounds, (b) organometallic compounds or halides of metals of groups I, II and III or complexes thereof.

84593. M. H. Shah. Improved pressurised fire extinguishers. Accepted on 10th April 1964.

Characterized in that the outer shell body is kept away from the cartridge by means of a communicating pipe socket.

84647. Universal Oil Products Company. Process for dehydrogenating alkylated aromatic hydrocarbons. Accepted on 7th April 1964.

A process for dehydrogenating an alkylated aromatic hydrocarbon having a side chain containing at least two carbon atoms, wherein a charge stream containing said hydrocarbon and a stream comprising steam are combined the resulting mixture is heated and subjected to endothermic dehydrogenation in a reaction zone at dehydrogenation temperature and in the presence of a dehydrogenation catalyst.

84661. Chicago Pneumatic Tool Company. Improvements in or relating to nipping tools for cutting wires and the like. Accepted on 7th April 1964.

Comprises a housing having a recess in its front end, an open-ended cylinder head fitted in the open end of recess having a cylindrical interior area, a piston reciprocable in the latter having a cam slide, a nipper implement including a pair of crossed levers pivotably connected together.

84692. Sekiden Kagaku Kogyo Company Limited. Toy guns. Accepted on 10th April 1964.

Characterized in that there are provided a plurality of at least two separate magazines within the body by making use of the internal space thereof the main magazine having directly or indirectly the feed hole for balls to travel down into the discharge bore and the auxiliary magazine having no such hole and wherein a communicating passage common to magazines is provided in between the magazines.

84709. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Acetylene production by partial combustion of hydrocarbons. Accepted on 4th April 1964.

Passing a gaseous mixture of hydrocarbons and oxygen through channels in a distributor whose surface area at the inlet side is smaller than the outlet area.

84717. Scottish Agricultural Industries Limited. Granulator. (26th October 1961). Accepted on 8th April 1964.

Comprises two concentrically mounted drums, the outer drum having lifting means for delivering solid material to inner drum, the other end of the inner drum transferring solid material to outer drum.

84736. International Business Machines Corporation. Deposition of thin film networks without the use of masks. Accepted on 7th April 1964.

Comprises bombarding the substrate with ions of first metal in a predetermined pattern and depositing the second metal in the predetermined pattern.

84749. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for producing a D.C. supply voltage for apparatus employing semi-conductor devices. (26th October 1961). Accepted on 4th April 1964.

Comprises in combination a time-base circuit, means for rendering time base self-running and means for rectifying and smoothing a fraction of the voltage generated across the transformer of the time base during the forward stroke thereof.

84757. Canadian Industries Limited. Reduction of corrosion of metals in contact with trichloroethylene or methyl chloroform. (28th October 1961). Accepted on 10th April 1964.

Comprises incorporating at least 0.0005% by weight of carbondisulphide in trichloroethylene or methylchloroform.

84765. Gulf Research & Development Company. Process for preparing diarylketones. Accepted on 4th April 1964.

1:1-diarylalkane is subjected to oxidation with nitric acid.

84773. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. A process for production of triazine compounds. Accepted on 10th April 1964.

Comprises reacting (2, 4-bis-alkylamino-6-trimethylammonia-S-triazinyl)-chloride is reacted with an alkali salt or ammonia salt of hydrocyanic acid, hydronitric acid or sulphurous acid.

84789. Velsicol Chemical Corporation. Herbicides. Accepted on 7th April 1964.

Comprises an inert carrier and an essential active component.

84813. Klockner-Humboldt-Deutz Aktiengesellschaft. An arrangement for heat exchange between a gas and a fine-grained material. (14th September 1962). Accepted on 8th April 1964.

Characterized in that the waste-gas conduits have cross-section with more than four corners, preferably hexagonal cross-section.

84847. Shell Internationale Research Maatschappij N. V. A process for the polymerization of ethylene together with one or more other unsaturated hydrocarbons. Accepted on 8th April 1964.

Characterised in that as vanadium compounds one or more carboxylic vanadyl salts are used.

84857. A. T. Kapadia. Improvements in or relating to transistorized clock. Accepted on 6th April 1964.

Consisting of an energizing coil fitted on a base plate with a pole fixed on either end and a permanent magnet fitted on a conventional balance wheel oscillating between said poles, the coil being energised by one or more dry cells.

84873. Rocket Power, Inc. Apparatus for launching a missile. Accepted on 4th April 1964.

Comprising means for engaging and supporting the aft end of the missile against lateral movement and longitudinal movement in an aft direction, missile engaging means and means for supporting missile engaging means.

84891. Farbenfabriken Bayer Aktiengesellschaft. Process for dyeing and padding hydrophobic materials. (17th August 1962). Accepted on 9th April 1964.

Characterized in that the materials to be dyed are treated in any desired order, one after the other, with (a) primary aromatic amines, their salts or their azomethines and with (b) quinone-imines or quinonediimines.

84893. FMC Corporation. Viscose rayon fiber and method of making same. Accepted on 8th April 1964.

Extruding viscose in a spinning bath at 25 to 40°C and then passing the spun filament through a stretch bath at 85 to 100°C.

84919. The Kokusaku Pulp Industry Co., Ltd. Process for removing of silica from the alkaline pulping waste liquor. Accepted on 6th April 1964.

Characterised in that waste liquor with lowest content of silica can be obtained by pouring continuously alkaline pulping waste liquor into serial multi-stage reaction vessels, in which the liquor is agitated at more than 80°C and then adding quick-lime or calcium chloride and separating the sediments produced by the use of centrifugal separator.

84952. Dr. K. Ziegler. Process for the production of tetramethyl lead by electrolysis. (1st May 1962). Accepted on 7th April 1964.

Comprises using electrolytes which contain aluminium complex compounds of the general formula $MAI (CH_3)_m (OR')_{4-m}$ wherein M is an alkali metal, particularly sodium and/or potassium, R' represents alkyl, cycloalkyl or aryl radicals or substituted aryl radicals and m is a number and preferably an integer from 1 to 4.

84974. Vereinigte Aluminium-Werke Aktiengesellschaft. A method of and apparatus for the production of shaped compression mouldings. (3rd August 1962). Accepted on 4th April 1964.

Continuously scattering the composition to be moulded into a mould formed by a floor and two parallel upright side walls in front of means for comprising the composition whilst the scattering and comprising means are traversed to and fro parallel with the walls.

85043. AMP Incorporated. Apparatus for selecting for energisation one of a series of electrical loads. Accepted on 4th April 1964.

Comprising a series of groups of magnetic cores, each core being drivable between a series of states of magnetic remanence and producing an output signal where driven from a predetermined one to a predetermined other of its states, the last core of each group having at least one outlet winding for connection to a respective one of the loads to the cores of each group being interconnected by transfer winding.

85095. Formica International Limited. Flame resistant laminates. (20th November 1961). Accepted on 4th April 1964.

Comprising a thermosetting synthetic resin, a filler and at least one inorganic compound having flame resistant characteristics.

85116. AMP Incorporated. Improvements in or relating to hand press tools. Accepted on 7th April 1964.

Sprocket wheel for engaging and feeding the belt or strip rotatable about an axis normal to the C-shaped head and to the line of action of the press dies and indexing means for rotating the sprocket wheel to feed the belt or strip in steps towards the tool head to position connectors successively between the dies.

85117. AMP Incorporated. Improvements in press tools. Accepted on 4th April 1964.
- C-shaped head having a pair of dies which are relatively movable towards each other by reciprocable force-applying means in which a movable die being movable by the force-applying means towards a stationary die supported in an arm of the C-head on a pivot.*
85164. Siemens & Halske Aktiengesellschaft. Improvements relating to electrical capacitors. (26th October 1962). Accepted on 9th April 1964.
- Connections to the plates are made within folds formed in the foils.*
85191. Unilever Limited. Dentifrices. Accepted on 8th April 1964.
- Comprises a polishing agent and a water soluble fluorine containing compound with a buffering agent.*
85229. Imperial Chemical Industries Limited. Process for the production of coloured polyolefine and polyacetal fibres containing compounds of polyvalent metals. (1st December 1961). Accepted on 10th April 1964.
- Dyeing polyolefine and polyacetal fibres with a metallisable dyestuff devoid of sulphonic acid groups and then treating the fibres with a sequestering agent.*
85244. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for floating zone melting. Accepted on 6th April 1964.
- Comprising two coaxial holders arranged one above the other, heating means, means for vertical displacement of heating means, a vessel consisting of two parts surrounding two holders and a liquid trap arranged between said parts.*
85274. R. R. Juneja. Telescopic aerial. Accepted on 9th April 1964.
- Surrounding tubes in the concentric assembly of tubes are swaged at their upper ends and at their lower ends are fitted segmental section sleeves, each said sleeve having a projection engaging the wall of the tube and projecting inside the tube.*
85296. K. Suga and S. Yamashita. Method of producing concrete blocks, cement tiles, plasterasbestos boards or the like. Accepted on 7th April 1964.
- Comprising mixing one fusible material with hardenable material and as necessary pulverised mineral consisting of silica, adding water molding the mixture after kneading and heating.*
85313. General Electric Company. Monopulse radar beam synthesis networks. Accepted on 4th April 1964.
- Comprising (a) a plurality of feed transmission lines adapted to feed components of both sum and difference signals to respective elements of the antenna array (b) a common sum signal transmission line (c) a plurality of sum directional coupler means (d) a common difference signal transmission line and (e) a plurality of different directional coupler means.*
85316. Van Leer Industries Limited. Closure seating means for a sheet metal container and method of forming the same. Accepted on 10th April 1964.
- Comprising tongues perpendicular to the container wall and positioned in annular configuration, the tongues having screw threads of helical type pressed therein.*
85369. Sunbeam Corporation. A fully immersible electric heating unit. (22nd June 1962). Accepted on 9th April 1964.
- Switch means are rigidly supported from within the chamber of a hollow handle and the temperature selecting means extend in sealed relationship through the handle and make loose driving connection with the temperature control means which driving connection is disconnectable.*
85433. Diamond National Corporation. Molded pulp egg carton. Accepted on 8th April 1964.
- Comprises suction moulding a pulp pre-form including separator posts and reforming said separator posts to a supersoft cushioning area.*
85463. Phillips Petroleum Company. A process for expelling moisture from a rubbery homopolymer. Accepted on 9th April 1964.
- Mixing cool water and hot water slurry of polymer crumbs, diluting and cooling to room temperature, and separating free water therefrom.*
85495. Owens-Corning Fiberglass Corporation. Compatible fibrous glass reinforcements of superior bonding and wetting characteristics. Accepted on 9th April 1964.
- Comprising a plurality of glass fibres grouped in parallel relationship and having surfaces coated with composition comprising an aqueous dispersion of (a) a plurality of discrete particles, (b) a resinous film forming material, (c) a coupling agent.*
85508. Imperial Chemical Industries Limited. Display panels. (11th December 1961). Accepted on 8th April 1964.
- Characterized by a front surface comprising a transparent thermoplastic sheet laminated by heat and pressure to an opaque thermoplastic sheet backing, the opaque sheet having voids corresponding to display pattern.*
85575. Johns-Manville Corporation. Method of improving the filtration characteristics of asbestos. Accepted on 9th April 1964.
- By forming an air suspension of asbestos fibre, applying an atomized spray of an aqueous solution of alkali metal silicate and depositing alkali metal silicate solids upon the fibre.*
85608. Council of Scientific and Industrial Research. An anti-stripping agent for road binders. Accepted on 9th April 1964.
- Consists in reacting sulphonated vegetable oil with ferric chloride and dehydrating the product by heating or by solvent extraction.*
85661. International Business Machines Corporation. Data handling device. Accepted on 9th April 1964.
- Includes control means responsive to the reception of a block of data on a scanned line for establishing a data sampling rate compatible with the transmission rate of the data being received.*
85698. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of purifying methanol. Accepted on 10th April 1964.
- Impure methanol is mixed with water and stripped by counter-current contacting with an inert gas.*
85741. F. A. (Membranes) Limited. Material for use as a water-proof lining or covering or for use in dampcourses and the like. (16th January 1962). Accepted on 8th April 1964.
- Comprises a loosely woven glass fabric layer together with a juxtaposed mat of mineral fibres coated with bituminous material.*

85754. Hobourn-Eaton Manufacturing Company Limited. Improvements relating to flow control valves. (15th January 1962). Accepted on 8th April 1964.
- Characterized in that for off setting the increase flow, provision is made to maintain constant velocity of flow by restricting fluid flow between inlet passage and discharge passage leading to primary orifice.*
85798. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Pigment preparations for the coloration of plastic masses and process for incorporating them. [Addition to No. 66478]. Accepted on 10th April 1964.
- Incorporating pigment and mixture of amorphous polypropylene with copolymers of ethylene and propylene.*
85918. The British Oxygen Company Limited. Evacuation of the vacuum space of vacuum-insulated vessels. Accepted on 4th April 1964.
- Comprising mechanically pumping gas from the vacuum space until the gas pressure therein has fallen to about 10 mm of mercury, disconnecting the pump and connecting the vacuum space to an absorber vessel at a pressure of about 10 mm of mercury and cooled to a low temperature until the pressure in the vacuum space has fallen to the desired value and thereafter disconnecting the absorbing vessel.*
85954. F. Smith & Co. (Whitworth) Limited. Improvements relating to the dyeing and similar liquid treatment of textile and similar materials. Accepted on 4th April 1964.
- Comprises an endless belt having its upper run moving through an upwardly concave arc, a nip roller ahead of said concave arc, dye liquor supplying means and slide walls for retaining the dye pool on the belt.*
86089. Gebr. Böhler & Co. Aktiengesellschaft. Improvements in or relating to drilling cars. Accepted on 9th April 1964.
- Characterised in that the control frame ore which the controls are combined is adapted to assume different positions relative to the car.*
86098. Maschinenfabrik Augsburg-Nürnberg A. G. Improvements in and relating to air starters for internal combustion engines. Accepted on 10th April 1964.
- Air distributor valve—having the form of an annular radially flattened disc rotatably mounted on the distributor shaft.*
86099. Maschinenfabrik Augsburg-Nürnberg AG. Improvements in and relating to multiple cylinder internal combustion engines. Accepted on 10th April 1964.
- Two longitudinal sides of the bearing plate being extended upwards beyond the level of the crankshaft axis and in the region of the bearings, cross-connected by bridge members upon which the cylinder blocks are mounted and secured by tension bolts.*
86146. Libbey-Owens-Ford Glass Company. Method and apparatus for bending and annealing glass sheets. Accepted on 4th April 1964.
- Heating means carried by the mold within the shaping surface heat preselected areas of bent glass sheet during the engagement of bent sheet with the shaping surface.*
86159. J. C. Kattakayam. Decarboxylating cashew nut shell liquid. Accepted on 6th April 1964.
- Comprises heating it in an apparatus in which the container is fitted with a double-decked funnel shaped top, so that when the container is heated, foaming liquid within rises up and as it strikes the perforated deck the foam breaks up and sub-layer of the liquid falls off into the kettle.*
86188. British Titan Products Company Limited. Oxides. (30th January 1962). Accepted on 10th April 1964.
- Comprising passing into a reaction zone a stream of hot gas, introducing into the reaction zone a metal halide and oxygenating gas, the temperature of the gas stream in the reaction zone being such that halide and oxygenating gas will react to form metal oxide and then recovering the metal oxide.*
86199. G. R. Varshney. Improved blade chaff cutting machine. Accepted on 4th April 1964.
- Forming a cast iron blade, abrading the surface of the blade, electrodepositing fine particles of nickel or chromium to said matt surface, rubbing the said surface with a light abrasive and finally electrodepositing fine particles of copper on to said surface.*
86211. Dr. A. T. Wagle and A. T. Wagle. Improvements in or relating to safety razor blade sharpening device. Accepted on 9th April 1964.
- A strop member trained or looped over a driving roller in contact with edges of a razor blade held in the blade holding member inclined to the central longitudinal plane of the housing and means for turning the blade.*
86272. H. Nussli. Coupler for tubular scaffolding. Accepted on 8th April 1964.
- Comprising clamping members and means for connecting the members.*
86279. Dunlop Rubber Company Limited. Improvements in or relating to tyre building machinery. (9th February 1962). Accepted on 19th April 1964.
- Comprises guide members having flights engaging with sides of the length of material which extend in parallel to the desired direction of movement of material.*
86366. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for recording, scanning and erasing video-signals. Accepted on 9th April 1964.
- In addition to heads for recording and scanning one or more heads for erasing the recorded signals are present at the circumference of the disc, which are displaced axially through such distance that the influence of displacement of the tape during the time which passes between erasing and recording is removed.*
86394. Volkart Borthers. Improvements in or relating to the manufacture of coconut husk fibres. Accepted on 4th April 1964.
- The husks of cocoonut are firstly disintegrated in a defibring machine and thereafter they are subjected to a treatment whereby the husk plith is freed and separated from the husk fibres.*
86417. Hindustan Bobbin Industries. Improvements in or relating to bobbins. Accepted on 8th April 1964.
- The barrel made of metal is internally screw threaded at both ends, the upper end being screw-threaded in a bush which is externally screw threaded and has a collar at its upper end while in the lower end of the barrel is screwed in another bush to carry a base.*
86425. A. K. Khandelwal. Improvements in or relating to tubular steel scaffolding or the like structure. Accepted on 8th April 1964.
- Said parts including flat base plates, each having a vertical tube welded to it, H-shaped cross-members, horizontal members, brace members and vertical posts.*

86443. T. Campagnolo. Mechanically actuated disc brake for motor-driven vehicles in general. Accepted on 4th April 1964.

Characterized by friction pads being fitted coaxially in a common seating in the pincer member, one pad being adjustable whereas the other is connected to a thrust mechanism comprising a control lever.

86523. The Marconi Company Limited, formerly known as Marconi's Wireless Telegraph Company Limited. Improvements in or relating to carrier wave modulation systems. (10th April 1962). Accepted on 4th April 1964.

Comprising two double side band modulators, means for applying carrier input to modulator in phase or phase oppositions, means for applying modulating input signals from a common source in phase or phase opposition to the two input terminals of a divider having two input terminals, means for applying the quadrature out from divider one to one modulator and the other to the other, low pass fitting means in at least one of the modulating signal channels leading to divider and means for combining the outputs from modulator quadrature.

86650. The British Petroleum Company Limited. Open gear lubricants. (23rd March 1962). Accepted on 9th April 1964.

Containing 0.5-5% creosote, 1.0-15% wool grease and 1.0-7.5% microcrystalline petroleum wax by weight dissolved in petroleum bitumen.

86696. Lacy-Hulbert and Company Limited. Improvements in vane-type rotary air pumps. Accepted on 8th April 1964.

Means is provided within the rotor barrel whereby a force is applied to at least one of the major faces of the vane tending to press it against the face of the guide slot in which it operates.

86715. Associated Electrical Industries Limited. Improvements relating to sealed beam lamps. (8th March 1962). Accepted on 8th April 1964.

The boss or bosses through which the leads to the filament extend in sealing relation are located on an extension sealed to the rim of the cover member in a plane extending normal to the optical axis of the lamp.

86723. Dunlop Rubber Company Limited. Mechanical belting. Accepted on 6th April 1964.

Comprises a cover ply of fabric impregnated at its outer side with plastic composition as defined and at its inner side with polychloroprene and/or butadiene-acrylonitrile rubber any inner fabric plies being impregnated with polychloroprene and/or butadiene acrylonitrile rubber.

86807. Union Carbide Corporation. Desurfacing apparatus for scarfing billets. Accepted on 6th April 1964.

Scarfig unit supporting means comprise two mounting plates which are vertically displaceable in the upright frame by pneumatic means and one carrier plate of each pair supporting a scarfing unit for scarfing a horizontal surface of the billet.

86809. Shell Internationale Research Maatschappij N. V. Process for the removal of chlorinated organic compounds from reaction mixtures obtained in the oxidation of contaminated hydrogen chloride. Accepted on 4th April 1964.

Comprises passing the reaction mixture concurrently with dilute hydrochloric acid in a downward direction through externally cooled tubes, cooling being such that the chlorinated organic compounds crystallize and the rate of flow of the dilute hydrochloric acid being such that the crystals are entrained.

86840. Imperial Chemical Industries Limited. Manufacture of pigment compositions. Accepted on 7th April 1964.

Comprises an organic pigment intimately incorporated with a minor quantity of an organic pigment derivative containing a secondary or tertiary amino group.

86896. Shell Internationale Research Maatschappij N. V. Process for the hydrogenative cracking of hydrocarbon oils. Accepted on 9th April 1964.

With catalyst formed by contacting solution of metal iron group of P.T. with acid-acting support consisting of refractory oxide is hydrogel.

87087. Rogers Corporation. Porous and permeable sheet material and method of making the same. Accepted on 7th April 1964.

A method of manufacturing a microporous sintered resin comprises spreading a uniform layer of granules of a thermoplastic resin over a resiliently compressible fibrous carrier sheet laying over the layer of granules a second resiliently compressible fibrous carrier sheet.

87296. Maschinenfabrik Rieter A. G. Improvements relating to textile carding apparatus. (11th December 1962). Accepted on 6th April 1964.

The tips of the wire clothing lie on a helical line and a zig-zag or sinusoidal wave is superimposed on said helical line.

87425. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Derivatives of allophanic acid and process for preparing them. Accepted on 9th April 1964.

Reacting allophanic chloride with a substituted aryl or bis-phenolic compound.

87829. Associated Electrical Industries Limited. Improvements in integrating meters of the rotor disc type. (11th May 1962). Accepted on 9th April 1964.

A light reflecting surface is arranged above the rotor disc in the vicinity of the window and is arranged to return light towards the upper surface of the disc.

87842. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to hair clipping apparatus comprising a spring for pressing the cutting members to one another. Accepted on 9th April 1964.

At the side of the set of cutting members more remote from the reciprocating member the spring is supported at a point which with respect to the driving point is situated opposite the cutting teeth.

87909. AMP Incorporated. Improvements in electrical connectors and connector assemblies. Accepted on 10th April 1964.

Comprises a metal socket of generally cylindrical form having at a forward end a socket bore, walls of the socket around the bore being collapsible radially of the bore to reduce the cross-section at least at part of the bore.

88026. Allied Chemical Corporation. Manufacture of halogenated hydrocarbons. Accepted on 10th April 1964.

The process for making 2,2-chlorofluoropropane comprises subjecting a gaseous mixture of isopropyl fluoride and chlorine in a reaction zone to actinic radiation maintaining the temperature of the said zone below 150°C.

88044. Beteiligungs—Und Patentverwaltungsgesellschaft Mit Beschränkter Haftung. Hard metal articles and process for their manufacture. Accepted on 9th April 1964.

Consisting of carbide alloys containing auxiliary metals, characterised by a surface zone containing a greater amount of hard substances than the core.

88093. Indian Oxygen Limited. Breathing equipment. Accepted on 4th April 1964.

Incorporates a circuit, a coupling device, a skirt portion and supporting means.

88744. Shell Internationale Research Maatschappij N. V. An aqueous drilling and cutting fluid. Accepted on 7th April 1964.

Aqueous solution containing polyoxyalkylene glycol or an ester or ether thereof, as well as a salt of an alkanolamine and a di-basic carboxylic acid.

90723. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962]. Accepted on 6th April 1964.

A sulphonic acid halide metal-free azo dye-stuff is reacted with a 2:3-dihaloquinoline-6-sulphochloride.

90724. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962]. Accepted on 6th April 1964.

An amino or amide group containing metal-free azo dyestuff is reacted with 2:3-dihaloquinoline-6-isocyanate.

90725. Farbefabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962]. Accepted on 6th April 1964.

A metal-free azo dyestuff is reacted with 2:3-dihaloquinoline-6-carboxylic acid.

90726. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962]. Accepted on 6th April 1964.

An azo-group-free dyestuff having one amino or amide group is reacted with 2:3-dihaloquinoline-6-carboxylic acid halide.

90727. Farbenfabriken Bayer Aktiengesellschaft. Dyeing process. (7th February 1962). [Divisional date 5th July 1962]. Accepted on 6th April 1964.

Dyeing hydroxyl-containing fibrous materials with a dyestuff as described.

92120. Shell Internationale Research Maatschappij N. V. Process for the manufacture of vulcanized foams from latices of cis 1, 4-polyisoprene. [Divisional date 12th July 1962]. Accepted on 9th April 1964.

By forming a broth from a latex of cis 1, 4-polyisoprene and vulcanizing it to a final cross-link density from 1.0 to 1.5 × 10⁻⁴ moles per cubic centimetre.

Opposition Proceedings

(1)

An opposition has been entered by Novo Terapeutisk Laboratorium A/S of 115, Fuglebakkevej, Copenhagen, Denmark to the application under Section 23CC made by Alembic Chemical Works Company Limited of Alembic Road, Industrial Area, Baroda, 3, Gujarat State in respect of Patent No. 44898 advertised in the Gazette of India, Part III, Section 2 dated the 19th October 1963.

(2)

An opposition has been entered by Alimahomed Chhaganbhai Padamsee to the grant of a patent on application No. 82989 made by Vasudeo Ramchandra Bhide.

(3)

An opposition has been entered by Alimahomed Chhaganbhai Padamsee to the grant of a patent on application No. 83328 made by Vasudeo Ramchandra Bhide.

Patents Sealed

77597. 78452. 78909. 78739. 78956. 79189. 79202.
79212. 79247. 79382. 79396. 79458. 79463. 79495.
79529. 79666. 79667. 79668. 79669. 79788. 79819.
79820. 79850. 79968. 79987. 80094. 80159. 80220.
80229. 80240. 80267. 80300. 80354. 80398. 80399.
80401. 80405. 80474. 80499. 80508. 80517. 80519.
80619. 80643. 80663. 80675. 80676. 80745. 80752.
80774. 80779. 80788. 80791. 80794. 80901. 80979.

80988. 81001. 81062. 81167. 81177. 81179. 81196.
81253. 81265. 81293. 81314. 81345. 81403. 81434.
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81626. 81640. 81711. 81769. 81823. 81858. 81928.
81949. 81997. 82099. 82118. 82119. 82140. 82152.
82154. 82185. 82191. 82235. 82324. 82356. 82602.
82645. 82649. 82701. 82856. 82870. 82884. 82885.
82889. 82902. 82929. 82964. 83021. 83277. 83367.
83517. 83657. 83709. 83720. 83776. 84381. 87295.
87584. 88075. 88076. 88823.

Registration of Assignments, Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

59383 } Dalmia Cement (Bharat) Limited.
60735 }

Renewal Fees Paid

41324. 42089. 42947. 43087. 43218. 43415. 44940.
45147. 45181. 45196. 45204. 45237. 45433. 45438.
45474. 45645. 45967. 46078. 47062. 47063. 47111.
47141. 47196. 47238. 47259. 47332. 47354. 48050.
49374. 49504. 49762. 50368. 50556. 50938. 51238.
51289. 51290. 51526. 51527. 51528. 51533. 51634.
51658. 51723. 51724. 51947. 52009. 52010. 52140.
52141. 52178. 52198. 52199. 52200. 52344. 52377.
53325. 53761. 54211. 54277. 54384. 54388. 54422.
54485. 54594. 54615. 54783. 55026. 55900. 56753.
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57325. 57326. 57332. 57354. 57369. 57392. 57404.
57415. 57428. 57489. 57523. 57529. 57606. 57624.
57870. 58069. 59589. 59899. 60180. 60296. 60378.
60407. 60460. 60468. 60489. 60502. 60504. 60550.
60555. 60577. 60621. 60865. 60934. 61134. 61135.
61136. 61165. 61412. 61465. 61987. 63086. 63646.
63727. 63758. 63779. 63801. 63819. 63845. 63856.
63868. 63870. 63873. 63889. 63901. 63962. 63973.
63978. 63992. 64010. 64011. 64030. 64032. 64034.
64043. 64052. 64053. 64070. 64108. 64114. 64150.
64206. 64240. 64244. 64272. 64416. 64695. 65115.
65749. 65750. 66406. 66593. 66930. 67050. 67059.
67149. 67244. 67283. 67305. 67311. 67416. 67429.
67430. 67434. 67443. 67493. 67521. 67546. 67598.
67615. 67632. 67638. 67645. 67680. 67696. 67704.
67714. 67725. 67726. 67734. 67747. 67759. 67768.
67791. 67797. 67818. 67826. 67828. 67831. 67850.
67995. 68089. 68135. 68237. 68360. 68382. 68447.
68580. 68779. 68893. 69001. 69502. 69631. 70405.
70841. 70923. 70996. 71168. 71226. 71227. 71228.
71229. 71266. 71307. 71308. 71317. 71361. 71373.
71378. 71426. 71477. 71481. 71486. 71511. 71546.
71566. 71591. 71593. 71608. 71609. 71626. 71629.
71640. 71641. 71642. 71652. 71654. 71661. 71676.
71687. 71693. 71695. 71701. 71713. 71746. 71750.
71751. 71752. 71766. 71767. 71807. 71851. 71861.
71886. 71887. 71890. 71903. 71940. 71941. 71942.
71944. 71964. 71971. 71972. 71973. 71975. 71997.
72010. 72011. 72016. 72018. 72060. 72271. 72317.
72387. 72437. 72470. 72560. 72567. 72641. 72824.
72829. 72891. 72947. 73005. 73087. 73102. 73107.
73191. 73254. 73255. 73346. 73389. 73590. 73745.
73746. 73848. 73849. 74023. 74086. 74151. 74215.
75133. 76386. 76426. 76468. 76498. 76539. 76583.
76584. 76595. 76608. 76612. 76655. 76765. 76902.
77087. 77157. 77886. 77918. 78295. 78384. 78906.
80177. 80191. 80645.

Cessation of Patents

42392. 43114. 44233. 44259. 46346. 53297. 53308.
53341. 53540. 56035. 56049. 56073. 59119. 62519.
62560. 62563. 62580. 62586. 62587. 66084. 66085.
66098. 66099. 66108. 66119. 66981. 69982. 69989.
69990. 70010. 70018. 70019. 70020. 70023. 70032.
70037. 70038. 70042. 70045.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 60212—*Sultan Mohammad Sayad*

The patent ceased on the 16th April 1962 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 22nd December 1962. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at The Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 6th June 1964.

(2)

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 61413—*Dr. Ram Surat Dubey and another*

The patent ceased on the 9th August 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 14th December 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at The Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1964.

(3)

Notice is hereby given that an application has been made under Section 16, of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 69230—*Shri Bansidhar Private Ltd.*

The patent ceased on the 30th September 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 15th February 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at The Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 6th June 1964.

(4)

An order has been made on the 26th February 1964 restoring the patent No. 66793 dated as of the 19th February 1959 granted to Harish Chandra Saradana for "improvements in sole for footwear".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 120487. Monarch Mechanical Works, Indian Partnership Firm, Mahidharpura, Ghia Sheri, Surat, Gujarat, "Trays", December 13, 1963.

Class 1. Nos. 120568 and 120569. The Pilot Pen Company Ltd., 7, 2-Chome, Kyobashi, Chuo-ku, Tokyo, Japan, a company incorporated and existing under the laws of Japan, "Caps of fountain pens", December 23, 1963.

Class 1. No. 120766. A. K. Cycle Industries, 2781, Kashmere Gate, Delhi (India), an Indian partnership concern, "Bicycle", January 9, 1964.

Class 1. No. 120973. Gulab Hiranand Sadarangani, an Indian Citizen, 8/36, Shyam Nivas, Warden Road, Bombay-26, Maharashtra, India, "Pliers", February 3, 1964.

Class 3. No. 120495. De-Lite Industrial Corporation, 9A, Sitladevi Industrial Estate, 140, Sitladevi Temple Road, Mahim, Bombay-16, Maharashtra, an Indian Partnership concern, "Electric call bells", December 16, 1963.

Class 3. No. 120512. Manubhai Naranbhai Patel, A-Peerbhoy Mansion, 3rd Floor, 454, Sandhurst Road, Bombay-4, Maharashtra, Indian subject, "A tumbler", December 17, 1963.

Class 3. No. 120565. Globe Metal Industries, Jagadhari State (India), Indian Partnership Concern, "Containers", December 23, 1963.

Class 3. No. 120566. Globe Metal Industries, Jagadhari State (India), Indian Partnership Concern, "A jug", December 23, 1963.

Class 3. No. 120583. Swan (India) Pvt. Ltd., Advani Chambers, Sir Phirozshah Mehta Road, Fort, Bombay-1, Maharashtra, Indian Co., "Pens", December 26, 1963.

Class 3. No. 120240. Arcot Chicku Pani, "Mukti", No. 4/A, Infantry Road, Bangalore-1, Mysore State, (Nationality) an Indian subject, "Tooth brush", November 19, 1963.

Class 4. No. 120239. Arcot Chicku Pani, "Mukti", No. 4/A, Infantry Road, Bangalore-1, Mysore State, (Nationality) an Indian subject, "Tooth brush", November 19, 1963.

Class 5. No. 119251. Des Raj, Indian National, Sirhind, District Patiala, Punjab, "Carton", August 26, 1963.

Class 5. No. 120337. Jagdish Prasad, an Indian citizen, 16A, Shibdas Bahadur Street, Calcutta-4, West Bengal, "Carton", December 2, 1963.

Class 5. No. 120341. Inder Lal (An Indian subject), 1/59, Kashmere Gate, Delhi-6, "Carton", December 2, 1963.

Class 5. Nos. 120459 and 120460. Ramshankar Laxminarayan & Bros., Jaddumandi, Varanasi, Uttar Pradesh, Indian Partnership concern, "Label", December 11, 1963.

Class 5. No. 120659. Asha Agarbatti Works, Indian Firm, 20, V. G. Market, Grant Road, Bombay-7 (Maharashtra), "Wrapper", December 30, 1963.

Class 13. No. 120893. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South) Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", January 24, 1964.

Class 13. No. 121078. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", February 10, 1964.

Class 13. Nos. 121204 to 121207. The Asoka Mills Ltd., P.B. No. 1050, Naroda Road, Ahmedabad-2, (Gujarat State) (India) Nationality Indian, "Cotton textile fabrics", February 19, 1964.

Class 13. Nos. 121611 to 121618 and 121620 to 121622. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, "Textile goods", March 16, 1964.

Class 13. Nos. 121290 to 121300. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a company incorporated under the Laws of India, "Textile goods", February 25, 1964.

Class 13. Nos. 121302 to 121304. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 25, 1964.

Class 13. Nos. 121408 to 121411. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", February 29, 1964.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks

